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## EMISSIVE IMAGE DISPLAY APPARATUS

*This Application is a con of 10/112,837  
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### I. Field Of The Invention

The present invention relates generally to image displays.

### II. Background Of The Invention

5       Image displays include emissive displays, such as phosphor displays used  
in cathode tube-based television and computer monitors, and transmissive  
displays, such as projection displays used for large screen TVs. An emissive  
display works by emitting visible light from pixels that are excited by, e.g., electron  
beams or fluorescent lamps. In the case of conventional electron beam-based  
10   displays, the electron beam is scanned across the pixels as appropriate to excite  
the pixels to produce a demanded image. In the case of fluorescent lamp-based  
displays such as plasma displays, ultraviolet light from a gas discharge is directed  
to appropriate pixels that are physically shielded from each other, with the pixel  
illumination pattern necessary to produce the demanded image not being  
15   established by scanning the UV light, which is simply a discharge from the lamp,  
but by appropriately blocking the UV light to impinge only on the desired pixels.  
Both of the above-mentioned emissive displays require the presence of a vacuum  
within the device, which can complicate manufacturing and raise costs.

Because the weight of some emissive displays becomes infeasibly large in  
20   the case of large screen displays, e.g., displays having sizes of 40"-60" or more,  
the above-mentioned transmissive displays have been provided, an example of